APOLLO 11 LUNAR LANDING - CBS NEWS - LM FOOTAGE (7-20-1969)

https://www.youtube.com/watch?v=0j7D16bdZS4 (https://www.youtube.com/watch?v=0j7D16bdZS4)

Uploaded by DANNOTCH'S NEWSVIDEOS (https://www.youtube.com/channel/UC7X0LKts7k4FT498Id_x5sg) on Mon May 17 2021.

From Sunday, July 20th, 1969 Lunar Module footage on left and CBS News coverage on right of the Apollo 11's lunar module, Eagle descending to the moon. CBS News audio with Walter Cronkite is provided.

- Video Starts 14:02 prior to landing, at 4:03:40 P.M E.T
- Landing occurred with 20 seconds of fuel left at 4:17:42 P.M E.T
- CBS News simulation and animation was 30 seconds ahead of the actual landing.

  Apollo 11 Crew:

  Commander: Neil A. Armstrong
  Command Module Pilot: Michael Collins
  Lunar Module Pilot: Edwin "Buzz" E. Aldrin Jr.

00:00:00 (https://www.youtube.com/watch?v=0j7D16bdZS4)

[Music] now coming up on one minute to ignition one minute to ignition and 13 minutes to in uh to land them before we are around right pitch 212 y'all plus three seven i don't know that we could take the tension if they decide to go around again 40 seconds 30 seconds cut altitude about 46 000 feet continuing to descend i'm just wondering as newell trask is sitting here with us how the moon looks to him as we're coming over do you think that's the right place yes it looks like the right place we should have a countdown ignition 10 10 throttle i suppose that is wally yes it'll be programmed up as we as they get closer to the surface and if you have that data there that's interesting uh maybe we're having a little ionic disturbance from the engine at this point uh no problem just the fact that the trouble of getting communications through the plume

00:02:00 (https://www.youtube.com/watch?v=0j7D16bdZS4&t=120s)

through the plume well it would mean then that we would not have communication with them in this critical 12 minutes our animation says animation shows the engine firing [Music] signal strength looking good here over i think you can hear a little excitement in charlie duke's voice [Music] eagle houston have to go around angled s-band pitch minus niner y'all plus one eight happy yeah communication's not going really in good shape again very closely roger 10 minutes to the touchdown oh boy 10 minutes to a landing on the moon altitude i think it's been almost 10 years since we've been trying to do this 20 seconds everything looking good we show altitude about 47 000 feet now in

00:04:00 (https://www.youtube.com/watch?v=0j7D16bdZS4&t=240s)

show altitude about 47 000 feet now in about four minutes from now they will get their first look at the landing area so far now they're their heads are getting a little fluctuation in the ac voltage now roger maybe huh they are face down windows down you're still looking good at three coming up three minutes their feet forward that remark on that ac voltage was a meter possibly uh the ground is not concerned they rolled now through the windows up position as you just saw in about three minutes now they get that first look when they pitch up going to more of an upright position and they can look forward out their windows toward the landing site at that point they'll be about three and a half miles high making about 103 miles an hour forward with about 13 and 8 10 miles to go i think it's gonna stop power defense that's another major milestone altitude 40 000. this is a goal you're still looking good

00:06:00 (https://www.youtube.com/watch?v=0j7D16bdZS4&t=360s)

this is a goal you're still looking good no no go a decision at that point they could uh abort the landing at that point if there had been a no-go decision got about 68 miles to go seven minutes left before landing okay we got good luck at about thirty five you're looking at our delta h that's primitive program alarm it's looking good over 1202 2. good radar data altitude now thousand five hundred feet hal wasn't too far off i suspect that uh howe may be uh just about right by the time um relays that to us so he's probably a lot yeah roger we got you we're going that alarm 330. six plus two five throttle down six point two five throttle down roger we're still go altitude 27 000 feet same alarm and it appears to come up when we have a 1668 a roger copy what's his alarm wally it's a go uh case that just apparently sometimes function uh it's coming up on the computer a verb noun combination no problems

00:08:03 (https://www.youtube.com/watch?v=0j7D16bdZS4&t=483s)

right they say it's better than the simulator that's consoling crowds around this country and all over the world are watching this listening to these communities 21 000 feet still looking closely here we are this is the international rivals building kennedy airport with a big display board there disneyland in california okay i'm still on flu so we may tend to lose as we gradually pitch over let me try auto again now see what happens roger he's talking about the high gain antenna okay it looks like it's holding roger we got good data makes the job easier they're down just 14 miles to go and four and a half minutes seven minutes 30 seconds into the burn four and a half minutes left in this era altitude 16 300 feet oh boy this great way the communications is waiting to fuel to monitor over 42 altitude 13 0005. correction on that velocity now reading 760 feet per second it's the p64 760 feet per second on the way down that's pretty slow for space flying it is it's as slow as man has ever flown in space it sure is 200 feet 8 30 you're looking great they're just about right 129

00:10:01 (https://www.youtube.com/watch?v=0j7D16bdZS4&t=601s)

that's the 7600 foot level 1.4 miles high when they get down to a speed of 98 miles an hour and they're just a little under five miles from the landing site that point they can pitch forward get a really good view you're looking great coming up nine minutes 47 degrees right here 37 degrees they've got a good look at their site now this is the the critical times they're going to hover they're going to make a decision apparently they're rolling 1202 we copy it 35 degrees 35 degrees 750 coming down to 23. 700 feet 21 down 33 degrees oh the data's coming in beautiful 100 feet down at 19. 540 feet down at 30 and a 15. say 400 feet down to 9. skate forward 10 and 50 feet down at four thirty six and a half down

00:12:03 (https://www.youtube.com/watch?v=0j7D16bdZS4&t=723s)

they're uh egg done horizontally standard feet down three and a half 47 forward hold up on one minute 70. altitude velocity light four and a half down five and a half pounds feet hundred feet three and a half down high forward five percent how many bites hey 75 feet guys looking good down a half down two and a half forward forward at 40 feet down two and a half picking up some dust 50 feet two and a half down fake shadow four forward

00:14:13 (https://www.youtube.com/watch?v=0j7D16bdZS4&t=853s)

413 events man on the moon [Music] can we copy you down eagle uh oh geez tranquility base here the eagle has landed right tranquility we copy you on the ground you got a bunch of guys about to turn blue we're bringing it again oh boy thank you you're looking good here that is really something very smooth touchdown kind of nice to be aboard on this one isn't it you know we've been wondering what what this guy

armstrong or all of them would say stepped foot on the moon which comes a little bit later now and just to hear them do it we're left here absolutely with dry mouths and like we're bending species exercise enough roger eagle and you are safe press e1 over eagle yours stay for t1 i just and with him roger we see you venting the og patrick it's a great simulation what you can see there if you could see it that little

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